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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/736,612	12/17/2003	Hiroki Suzukawa	00862.023376	3445

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EXAMINER

SCHMIDT, KARI L

ART UNIT	PAPER NUMBER
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2139

MAIL DATE	DELIVERY MODE
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09/05/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/736,612	Applicant(s) SUZUKAWA, HIROKI	
	Examiner Kari L. Schmidt	Art Unit 2139	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 June 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 12-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 12-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 December 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Notice to Applicant

This communication is in response to the amendment filed on 06/18/2007.

Claims 12-20 remain pending. Claims 1-11 have been canceled

Response to Arguments

Applicant's arguments have been considered but are moot in view of the new ground(s) of rejection.

Claim Objections

Claim 10 is objected to under 37 CFR. 1.75(c) has been withdrawn.

Claim Rejections - 35 USC § 112

Claims 8-9 are rejected under 35 U.S.C. 112, second paragraph has been withdrawn.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-17 and 20 are rejected under 35 U.S.C. 102(e) as being anticipated by Letsinger (US 2003/0236994 A1).

Regarding claim 12, Letsinger discloses an apparatus comprising: a user interface configured for a user to perform an operation of said apparatus (see at least, Figure 1A, [0011: "shows a user loading a communications device with Device ID provided by an authentication device"); a sensor arranged at said user interface and configured to detect whether a user exists within a predetermined distance from said sensor; and a processor configured to determine, based on an output of said sensor, whether a change from an existence of a user to an absence of the user has occurred, and to limit an item operable from said user interface if it is determined that the change has occurred (see at least, [0021]: "the user gains access to the electronic service as long as the authentication device continues to provide the User ID to the communications device. If the user happens to lose the communications device or happens to physically be separated from the communication device, access to the service is automatically severed. Access is denied because the communications device no longer is within range of receiving the User ID from the authentication device..." and Figure 2, Figure 3, [0022], [0024]: "interactions between a communications device, an authentication device and a service is shown. The user is authenticated by means of authentication device in concert with communications device (computer or PDA)...").

Regarding claim 13, Letsinger discloses an apparatus according to claim 12, wherein said processor is configured to minimize a number of the items if it is determined that

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the change has occurred (see at least, [0023], [0024], [0026], the examiner interprets items to an type of service which can be transacted through electronic transmissions between a remote user and that service: news service, electronic brokerage, a web site, travel agency... etc).

Regarding claim 14, Letsinger discloses an apparatus according to claim 12, wherein said processor is configured to set the item based on a predetermined operation from said user interface (see at least, [0022-0023]: "PDA (communication device) forwards the User ID to the service provider over the Internet. The service provider grants access to the user's personal information upon verifying the User ID...").

Regarding claim 15, Letsinger discloses an apparatus according to claim 14, wherein the predetermined operation includes an input operation for user authentication (see at least, Figure 2, Figure 3, [0022], [0024]: "interactions between a communications device, an authentication device and a service is shown. The user is authenticated by means of authentication device is concert with communications device (computer or PDA)..." and [0029]: "service requests that the communication device provide a proper User ID. The communication device transmits its initialized Device ID to authentication device over communications channel. The authentication device compares the Device ID to authentication device over communications channel. Only if there is a match does authentication device transmit the User ID to communication device...").

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Regarding claim 16, Letsinger discloses an apparatus according to claim 15, wherein said processor is configured to set the item based on a user authenticated due to the input operation (see at least, Figure 2, Figure 3, [0022], [0024]: " interactions between a communications device, an authentication device and a service is shown. The user is authenticated by means of authentication device is concert with communications device (computer or PDA)..." and [0029]: " service requests that the communication device provide a proper User ID. The communication device transmits its initialized Device ID to authentication device over communications channel. The authentication device compares the Device ID to authentication device over communications channel. Only if there is a match does authentication device transmit the User ID to communication device...").

Regarding claim 17, Letsinger discloses an apparatus to claim 12, wherein said processor is configured to change the item to an input operation for user authentication if it is determined that the change has occurred (see at least, Figure 2, Figure 3, [0022], [0024]: " interactions between a communications device, an authentication device and a service is shown. The user is authenticated by means of authentication device is concert with communications device (computer or PDA)..." and [0029]: " service requests that the communication device provide a proper User ID. The communication device transmits its initialized Device ID to authentication device over communications channel. The authentication device compares the Device ID to authentication device over communications channel. Only if there is a match does authentication device

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transmit the User ID to communication device..."; [0040]: "if the User ID does not match that previously designated for that account then the service denies access...").

Regarding claim 20, Letsinger discloses a method comprising steps of: detecting, by use of a sensor arranged at a user interface of an apparatus, whether a user exists within a predetermined distance from the sensor, the user interface being configured for a user to perform an operation of the apparatus; determining, based on a detection in said detecting step, whether a change from an existence of a user to an absence of the user has occurred; and changing an item operable from the user interface if it is determined in said determining step that the change has occurred (see at least, [0021]: "the user gains access to the electronic service as long as the authentication device continues to provide the User ID to the communications device. If the user happens to lose the communications device or happens to physically be separated from the communication device, access to the service is automatically severed. Access is denied because the communications device no longer is within range of receiving the User ID from the authentication device..." and Figure 2, Figure 3, [0022], [0024]: "interactions between a communications device, an authentication device and a service is shown. The user is authenticated by means of authentication device in concert with communications device (computer)...").

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 18-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Letsinger (US 2003/0236991 A1) in view of Aoki (US 2002/0149086 A1).

Letsinger doesn't specifically teach wherein said apparatus is an exposure apparatus for transferring a pattern of a reticle to a wafer.

Regarding claim 18 and 19, Aoki teaches wherein said apparatus is an exposure apparatus for transferring a pattern of a reticle to a wafer (see at least, [00058], [0008])

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teaches of Letsinger to include wherein said apparatus is an exposure apparatus for transferring a pattern of a reticle to a wafer as taught by Aoki. One of ordinary skill in the art would have been motivated to combine the teachings in order to implement an RF radio circuit module such as Bluetooth module or GPS receiving module by using the semiconductor device (see at least, [0010]).

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

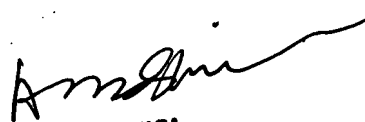
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kari L. Schmidt whose telephone number is 571-270-1385. The examiner can normally be reached on Monday - Friday: 7:30am - 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on 571-272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

KS


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